



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase : Explosion Proof - High Efficiency

Frame : 213T
 Output : 7.5 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1755 rpm
 Slip : 2.50 %
 Voltage : 208-230/460 V
 Rated current : 21.1-19.0/9.52 A
 Locked rotor current : 122/60.9 A
 Locked rotor current (I_L/I_n) : 6.4
 No-load current : 7.00/3.50 A
 Full load torque : 22.1 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 260 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 21 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP54
 Approximate weight : 186 lb
 Moment of inertia : 0.98005 sq.ft.lb
 Noise level : 58 dB(A)

	D.E.	N.D.E.
Bearings	6308 2RS	6207 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.81	89.5
75%	0.75	89.5
50%	0.64	87.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00718XP3ER213TC

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